

Red Hat Assists Monash University with Deployment of Software-Defined Storage to Support Advanced Research Capabilities

JAN 30, 2017

Leading science and technology research institution selects Red Hat Ceph Storage to support five-petabyte storage cluster

RALEIGH, N.C.--(BUSINESS WIRE)-- Red Hat, Inc. (NYSE: RHT), the world's leading provider of open source solutions, today announced that Monash University, one of Australia's most prestigious research universities, has implemented a massive multi-petabyte deployment on Red Hat Ceph Storage.

Founded in 1958, Monash University was established to create a science and technology-focused research institution. Almost 60 years later, Monash is Australia's largest university, and now includes a curriculum that spans multiple disciplines and across five international campuses. The University's eResearch Centre fosters international collaboration and advanced research of both fundamental and applied sciences, with an emphasis on imaging and data science. Eventually, the critical need to manage a continually growing pool of research data collided with the prohibitively huge investment presented by its previously deployed proprietary hardware solutions, leaving the University at a crossroads.

Monash University selected Red Hat to implement a software-defined solution using Red Hat Ceph Storage on Dell EMC PowerEdge R630 and R730xd rack servers that can accelerate application performance, simplify systems management and address workloads at any level. Using Red Hat Ceph Storage as an object store, Monash projects that its software-defined storage solution will significantly reduce costs and give researchers the freedom to independently and incrementally add capacity and performance for future growth.

Monash University's eResearch Centre is now able to store and manage massive workloads of data, already encompassing five petabytes, within a single infrastructure. In addition to tight integration with OpenStack components and services along with strong life cycle management, Red Hat Ceph Storage allows for replication and erasure coding capabilities for increased data protection and availability.

Supporting Quotes

Steve Quenette, deputy director, Monash eResearch Center, Monash University

"As a research institution, we are faced with the challenge of virtually limitless data, not only from new projects but from archived and long-tail research. One of our key concerns in this process was having enough storage space in an OpenStack cloud environment, as it supports the majority of use cases from our researchers. With Red Hat Ceph Storage, we have been able to alleviate those concerns and have confidence in our ability to support future workloads with an intuitive, cost effective solution."

Ranga Rangachari, vice president and general manager, Storage, Red Hat

"Monash University's eResearch Centre's concern with managing ever-increasing amounts of data is a challenge that many organizations are likely to experience in the coming years. A 2016 study, commissioned by Red Hat, found that 70 percent of IT decision makers believe that their organizations' storage solutions are not equipped to handle next generation workloads.¹ Monash University is a prime example of meeting that challenge head-on by not only focusing on the resolution of today's pain points but also having the foresight to plan for future needs. We are proud to collaborate with such a prestigious institution to enable further research."

Additional Resources

Read the [Monash University and Red Hat case study](#)

Learn more about [Red Hat Storage](#)

Learn more about enterprise storage concerns and needs from [this recent study, commissioned by Red Hat](#)

Read more [Red Hat customer success stories](#)

Connect with Red Hat

Learn more about [Red Hat](#)

Get more news in the [Red Hat newsroom](#)

Read the [Red Hat blog](#)

Follow [Red Hat on Twitter](#)

Join [Red Hat on Facebook](#)

Watch [Red Hat videos on YouTube](#)

Join [Red Hat on Google+](#)

[Follow Red Hat on LinkedIn](#)

Red Hat is the world's leading provider of open source software solutions, using a community-powered approach to provide reliable and high-performing cloud, Linux, middleware, storage and virtualization technologies. Red Hat also offers award-winning support, training, and consulting services. As a connective hub in a global network of enterprises, partners, and open source communities, Red Hat helps create relevant, innovative technologies that liberate resources for growth and prepare customers for the future of IT. Learn more at <http://www.redhat.com>.

Forward-Looking Statements

Certain statements contained in this press release may constitute "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements provide current expectations of future events based on certain assumptions and include any statement that does not directly relate to any historical or current fact. Actual results may differ materially from those indicated by such forward-looking statements as a result of various important factors, including: risks related to the ability of the Company to compete effectively; the ability to deliver and stimulate demand for new products and technological innovations on a timely basis; delays or reductions in information technology spending; the integration of acquisitions and the ability to market successfully acquired technologies and products; fluctuations in exchange rates; the effects of industry consolidation; uncertainty and adverse results in litigation and related settlements; the inability to adequately protect Company intellectual property and the potential for infringement or breach of license claims of or relating to third party intellectual property; risks related to data and information security vulnerabilities; the ability to meet financial and operational challenges encountered in our international operations; ineffective management of, and control over, the Company's growth and international operations; and changes in and a dependence on key personnel, as well as other factors contained in our most recent Quarterly Report on Form 10-Q (copies of which may be accessed through the Securities and Exchange Commission's website at <http://www.sec.gov>), including those found therein under the captions "Risk Factors" and "Management's Discussion and Analysis of Financial Condition and Results of Operations". In addition to these factors, actual future performance, outcomes, and results may differ materially because of more general factors including (without limitation) general industry and market conditions and growth rates, economic and political conditions, governmental and public policy changes and the impact of natural disasters such as earthquakes and floods. The forward-looking statements included in this press release represent the Company's views as of the date of this press release and these views could change. However, while the Company may elect to update these forward-looking statements at some point in the future, the Company specifically disclaims any obligation to do so. These forward-looking statements should not be relied upon as representing the Company's views as of any date subsequent to the date of this press release.

Red Hat and Ceph are trademarks or registered trademarks of Red Hat, Inc. or its subsidiaries in the U.S. and other countries. Linux® is the registered trademark of Linus Torvalds in the U.S. and other countries.

¹http://www.slideshare.net/Red_Hat_Storage/storage-limitations-frustrations-and-coping-with-future-needs

View source version on businesswire.com: <http://www.businesswire.com/news/home/20170130005165/en/>

Media Contact:

SpeakerBox Communications for Red Hat Inc.
Sally McHugh, +1 703-287-2816
smchugh@speakerboxpr.com

Source: Red Hat, Inc.